

## **Paper Publication**

### **a) International Journals**

- **Kunar, B.M., Bhattacharjee, A., Chau N:** "Relationships of job hazards, lack of knowledge, alcohol use, health status and risk taking behaviour to work injuries of underground coal miners: A case-control study in India" " **Journal of Occupational Health, Japan**" 2008, Vol. 50 (3), pp.236-244.
- **Chau N., Bhattacharjee A., Kunar B.M., Lorhandicap group:** "Relationship between job, lifestyle, age and occupational injuries" **Occupational Medicine**, London, 2009, Vol. 59, pp.114 -119.
- **Kunar B.M., Bhattacharjee A., Chau N.,** "Correlates of occupational injury in underground coal mine workers-A matched case-control study" "**The South African Institute of Mining and Metallurgy (SAIMM Journal)**", 2008, South Africa. (Paper Accepted for Publication)
- **Bhattacharjee A., Kunar B.M.,** "Epidemiology: A tool for risk analysis of mine injuries" **SME Journal USA, 2009, USA (Manuscript is under Review)**

### **National Journals**

- **Kunar, B.M., Bhattacharjee, A.:** "Study of some occupational and individual factors in coal miners injuries" **Journal of Mines, Metals and Fuels**, 2006, Vol. 54, No.12. pp. 356-360.
- **Kunar B.M., Maiti J., Mandal P.K.,** "Numerical modeling – A Prerequisite for Support Design in Mines" "**Journal of MineTech** ", January-March, 2007, Vol. 28 (1), pp. 19-28.
- **Maiti, J., Mandal, P.K., Singh, R., Kunar B.M.:** "Impact of Stress Redistribution on Stability of Workings during Depillaring" **Journal of the Institution of Engineers (India)**, Mining Engineering Division, 2006, Vol. 87, PP. 10-22.

### **b) Conferences/ Symposia**

- **Bhattacharjee A., Kunar B.M., Chau N.,** "Role of working condition, behavioural, lifestyle and health related factors in underground coal miners injuries: A case-control study" **Proceedings of the 33rd International Conference of Safety in Mines Research Institutes**), organized by Główny Instytut Górnictwa on 15-18 September 2009, Poland. (Paper Accepted)
- **Kunar B.M., Naik S., Raju G.D., Sudhakar K.,** "Strata behaviour studies in underground coal mines during depillaring operation-A step forward" **Proceedings of the Eighth Geo-minetech Symposium on " New Equipment New Technology Management and Safety in Mines and Mineral Based Industries"** 11-12 May, 2009, Bhubaneswar, The Indian Mining Engineering Journal. (Paper Accepted)

- **Kunar B.M., Bhattacharjee A.**, “ Role of job hazards, overtime work, and individual habits to underground coal miners injuries-A case study” *Proceedings of the National Seminar on “Environmental Management in Mining and Allied Industries (EMMA-2008)”* 7-8 Nov, 2008, Varanasi, ITBHU, pp.35-38.
- **Kunar B.M.**: “Numerical modeling based study on development of support plan in depillaring operation of bord and pillar working” *Proceedings of the Eighth Geo-minetech Symposium on “ New Equipment New Technology Management and Safety in Mines and Mineral Based Industries”* 11-12 May, 2008, Bhubaneswar, The Indian Mining Engineering Journal, pp.132-135.
- **Kunar, B.M., Shahid M., Bhattacharjee, A., Samanta B.**: “A spirometry study of lung disorder for underground coal miners” *Proceedings of the Indo-Korean joint International Symposium on “Geo-Science and Technology and Utilization of Geo-Space as Solution for Energy and Environment”* , 12-14 February, 2008, Kharagpur, Indian Institute of Technology, pp. 70-74.
- **Bhattacharjee, A., Kunar, B.M., Chau N.**: “Contribution of physical hazards and health-related factors in occupational injuries of underground coal miners: A matched case-control study”, *Proceedings of the 32nd International Conference of Safety in Mines Research Institutes (SIMRI)*, Beijing, China, September 28-29, 2007, SAWS, China, pp.423-430.
- **Bhattacharjee, A., Kunar, B.M.**: “Analysis of occupational injuries and health disorder of workers in mines: A case study”, *Proceedings of the 41st Annual Safety Week Souvenir*, 2006, Singareni Coal Company limited and Directorate General of Mines Safety, pp. 46-53.
- **Bhattacharjee, A., Kunar, B.M.**: “Application of injury epidemiology in coal mines safety” *Proceedings of the Emerging trends in mineral industry*, 13-15 July, 2007, Mining Engineers' Association of India, Udaipur, Rajasthan, pp. 228-233.
- **Bhattacharjee, A., Kunar, B.M., Sharan, M.B.**: “An epidemiological study of coal miners injuries” *Proceedings of the First Asian Mining Congress on “Asian Mining –towards a new resurgence*, January 16-18, 2006, MGMI, Kolkata, India pp. 473-477.
- **Samanta B, Devulapally P, Bhattacharjee A, Kunar B.M.**, Work related musculo-skeletal disorder study on drilling operations in an underground coal mine through human factors approach, *Proceedings of the National Seminar on “Environmental Management in Mining and Allied Industries (EMMA-2008)”* 7-8 Nov, 2008, Varanasi, ITBHU, pp.40-44.